INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/051039

		101/10200	4/051039						
A. CLASS	FICATION OF SUBJECT MATTER H05K1/03								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H05K									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category *	Citation of document, with indication, where appropriate, of the reli	evant passages	Relevant to claim No.						
X	EP 1 235 235 A (TDK CORP) 28 August 2002 (2002-08-28) paragraphs '0017!, '0018! paragraph '0027! figures 2-4		1-10,13, 14						
Y			11,12,15						
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 135591 A (MATSUSHITA ELE CO LTD), 22 May 1998 (1998-05-22)	CTRIC IND	1-10,13, 14						
Υ	abstract; figures 3,6		11,12,15						
Υ	EP 1 150 311 A (TDK CORP) 31 October 2001 (2001-10-31) paragraph '0181! - paragraph '018 figures 12,13	31;	11,12,15						
Furth	er documents are listed in the continuation of box C.	X Patent family members are listed in	annex.						
A document defining the general state of the art which is not considered to be of particular relevance *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the									
E earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or exhibition or other special reason (as expecified) *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document.									
obtainment reterring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *** document member of the same patent family									
Date of the a	actual completion of the international search	Date of mailing of the international search report							
21 September 2004		29/09/2004							
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		Authorized officer							
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